Abstract

Use of a tryptophanyl-ester or an N-acyl derivative of a tryptophanyl-ester for the prophylaxis and therapy of oxidative pathologic processes in degenerative diseases and/or cancer diseases. Thereby, the tryptophanyl-ester or its N-acyl derivative is preferred to be tryptophanoctyl, N-oleoyl-tryptophanethyl-ester or N-dodecanoyl-tryptophanethyl-ester.

Futhermore the tryptophanyl-esters and their N-acyl derivatives are preferred to be used for the treatment and/or prophylaxis of neurodegenerative diseases, cataracts, neoplastic diseases and/or cardiovascular diseases. In particular, the invention relates to the use of the tryptophanyl-esters and their N-acyl derivatives for the treatment and/or prophylaxis of Alzheimer's disease, Parkinson's disease, apoplectic fit, amyotrophic lateral sclerosis, cancers, arteriosclerosis and/or myocardial infarction.

In addition, the invention relates to a pharmaceutical composition comprising a tryptophanyl-ester or an N-acyl derivative of a tryptophanyl-ester.